

Converting Colors

CIELCh(96, 17.777, 184.161)

Have a look what the booklet for
CIELCh(96, 17.777, 184.161)
contains.

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Color

CIElCh(96, 17.880, 183.293)

Conversions

Conversions Part 1

Format	Color
Hex	CBFEF5
RGB	203, 254, 245
RGB Percent	80%, 100%, 96%
CMY	0.2047, 0.0047, 0.0400
CMYK	0.20, 0.00, 0.04, 0.00
HSL	169°, 96%, 90%
HSV	169°, 20%, 100%
XYZ	76.4064, 90.0078, 99.5753
YIQ	237.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

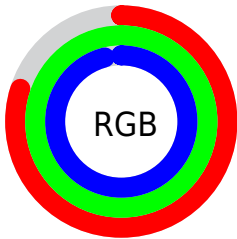
Format	Color
R _Y B	203, 231, 254
Decimal	13369077
CIE Lab	96.00, -17.85, -1.03
CIE LCh	96, 17.880, 183.293
Yxy	90.0078, 0.2873, 0.3384
Android (android.graphics.Color)	4291559157 (0xFFCBBFEF5)
YUV	237.7250, 3.5866, -30.4538
Hunter-Lab	94.8724, -22.2701, 4.1817

Details

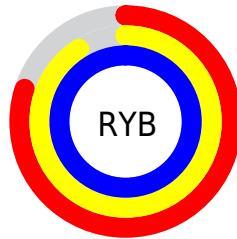
The CIELCh color **96, 17.880, 183.293** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.525, 7.081**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 17.727, 183.938** is the 20% darker color. If you saturate the color by 10%, you get **95, 26.159, 182.315**, and if you desaturate by 10%, it is **98, 9.141, 184.238**.

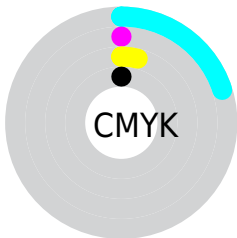
Distribution



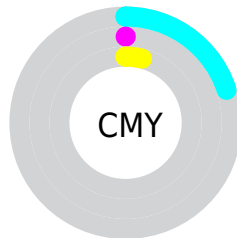
- Red (80%)
- Green (100%)
- Blue (96%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 17.880, 183.293 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 96, 17.880, 183.293 by changing the saturation by 10% instead.


 96, 17.880,
183.293


 96, 17.880,
183.293


 100, 17.880,
183.293


 86, 17.880,
183.293

 76, 17.880,
183.293

 66, 17.880,
183.293

 56, 17.880,
183.293

 46, 17.880,
183.293

 36, 17.880,
183.293

 26, 17.880,

183.293

■ 16, 17.880,
183.293

■ 6, 17.880, 183.293

■ 96, 17.880,
183.293

■ 96, 17.880,
183.293

■ 95, 26.159,
182.315

■ 98, 9.141, 184.238

■ 93, 33.817,
181.288

100, 0.082,
192.639

■ 92, 40.701,
180.190

100, 0.750,
324.055

■ 91, 46.671,
179.000

■ 91, 51.622,
177.694

■ 90, 55.512,
176.250

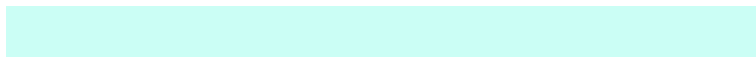
■ 90, 58.374,
174.649

■ 90, 60.396,
172.924

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



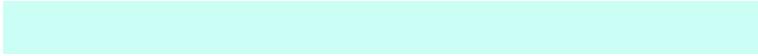
96, 17.880, 183.293



86, 19.525, 7.081

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 17.880, 183.293



96, 17.880, 233.293



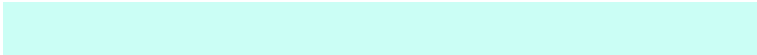
96, 17.880, 3.293



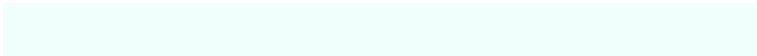
96, 17.880, 53.293

Sweetspot

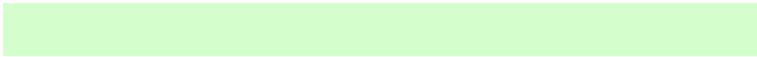
The Sweet Spot groups the original color and five complimentary colors.



96, 17.881, 183.288



99, 5.485, 184.647



96, 30.154, 138.287



53, 3.635, 184.578



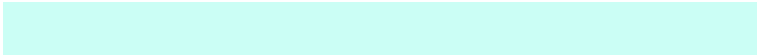
0, 0.000, 0.000



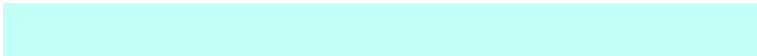
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 17.881, 183.288



96, 21.259, 182.912



92, 14.016, 235.573



52, 5.173, 184.295



69, 48.633, 173.247



23, 21.788, 175.583

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86, 19.525, 7.081



84, 23.647, 7.578



90, 15.687, 52.180



50, 5.387, 5.877



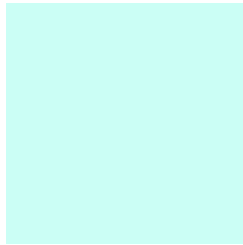
40, 76.122, 31.300



10, 32.123, 19.862

Previews

White Background



This preview shows how the CIE LCh color 96, 17.880, 183.293 looks on a white background.

Color Contrast Check

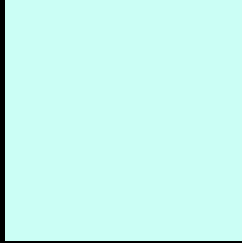
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 17.880, 183.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

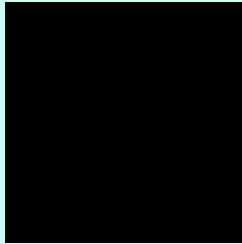
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

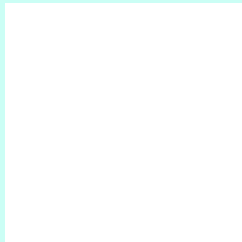
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 17.880, 183.293

Background



This preview shows how black text looks on a background with the CIELCh color 96, 17.880, 183.293.

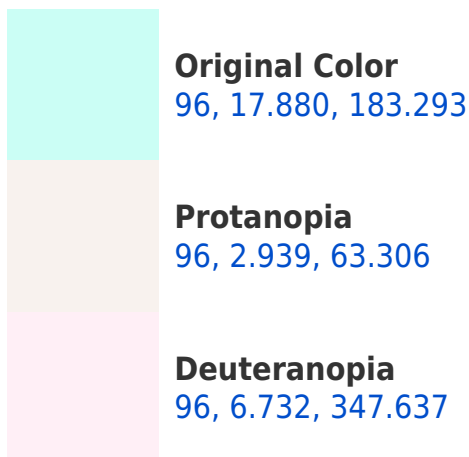


This preview shows how white text looks on a background with the CIELCh color 96, 17.880, 183.293.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



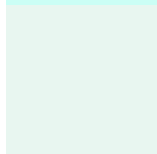


Tritanopia
96, 7.321, 238.340

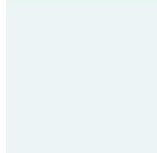
Trichromacy



Original Color
96, 17.880, 183.293



Protanomaly
96, 5.823, 167.278



Deuteranomaly
96, 2.953, 219.793

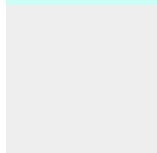


Tritanomaly
96, 10.201, 204.613

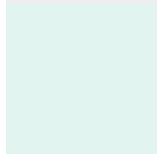
Monochromacy



Original Color
96, 17.880, 183.293



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 6.956, 181.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 17.880, 183.293 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(203, 254, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 17.880, 183.293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 254, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(203, 254, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(203, 254, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(203, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 17.880, 183.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 254, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
254, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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